



Fig. 3

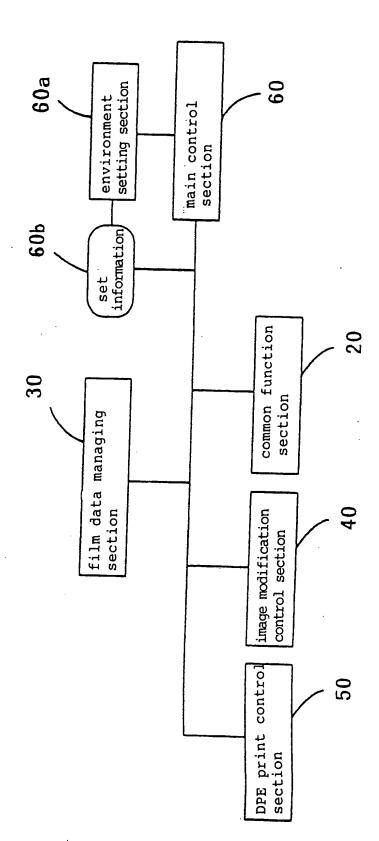


Fig. 4

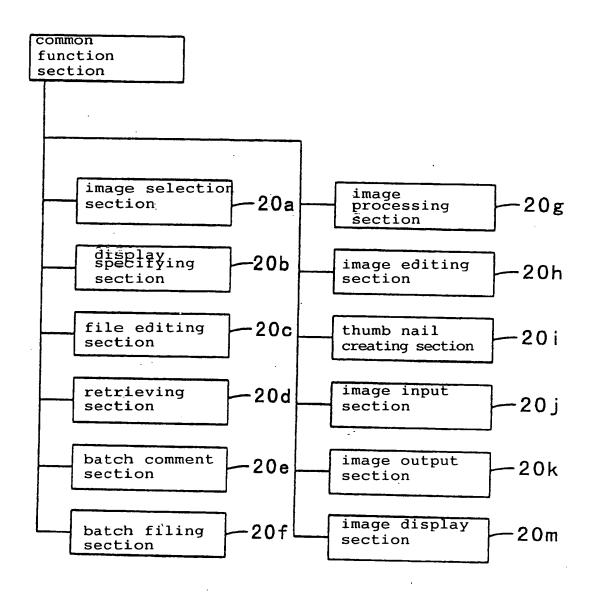
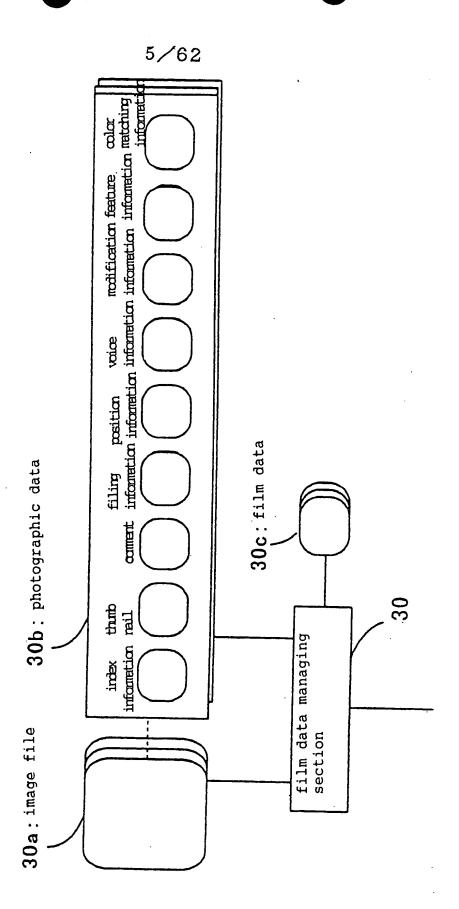


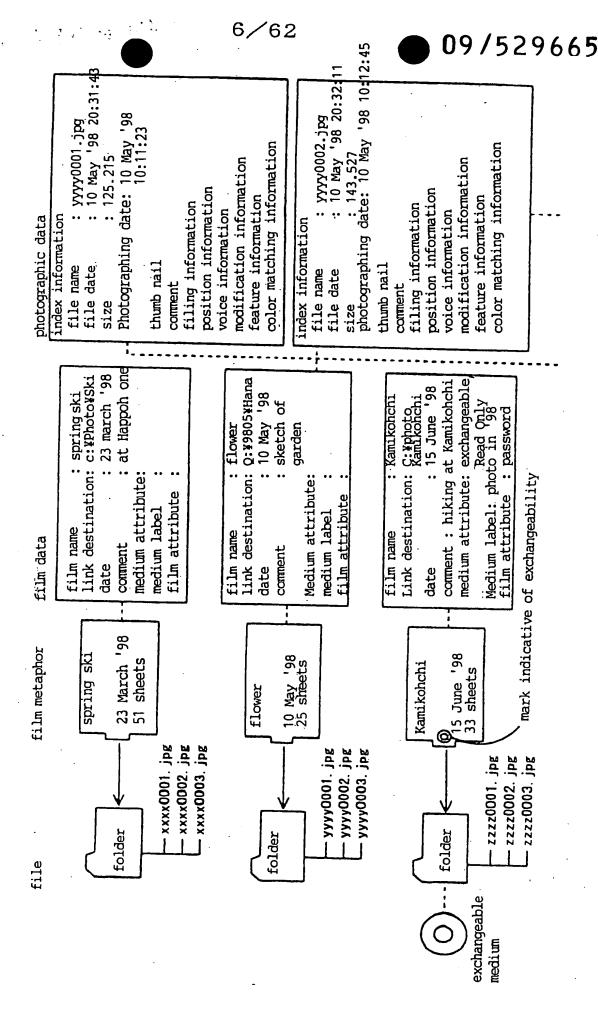
Fig. 5



· CEZII

Fig.

6



private: attribute

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mask flag indicative of effective member automatic image modification trimming start X coordinate trimming start y coordinate trimming end y coordinate trimming end x coordinate rotating angle brightness contrast green blue red SHORT m\_nBrightness; SHORT m\_nRotation; m\_nContrast; USHORT m\_nMask; SHORT m\_nGreen; SHORT m\_nBlue; SHORT m\_nApf; SHORT m\_nRed; SHORT m\_x2; SHORT m\_y2; SHORT m\_x1; SHORT m\_y1: SHORT

Fig. 8

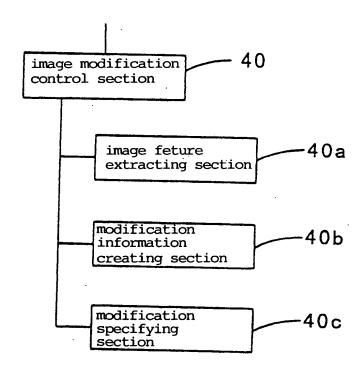


Fig. 9

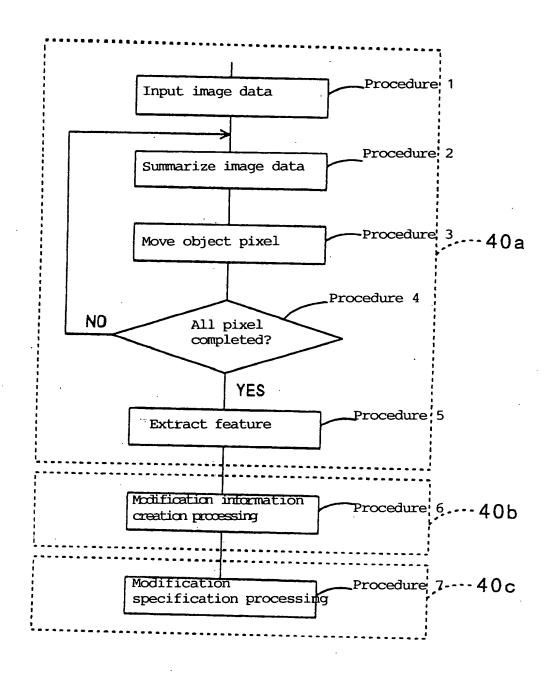


Fig. 10

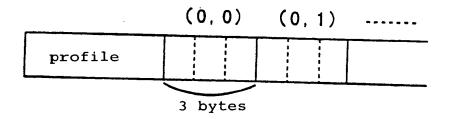


Fig. 11

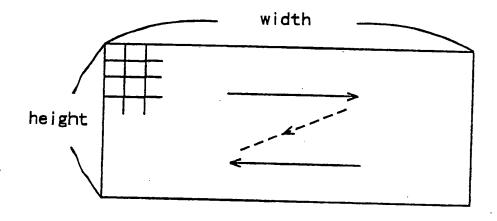


Fig. 12

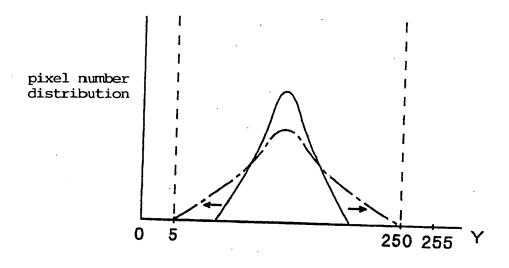
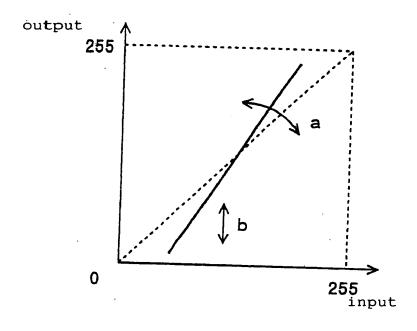


Fig. 13



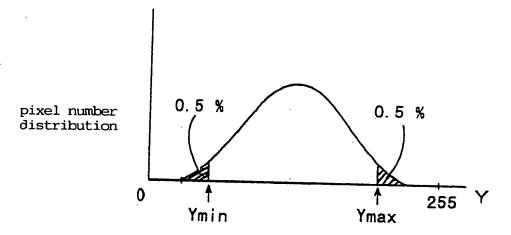


Fig. 15

У	Υ
0 Ymin	0 5
Ymax	250
255	255

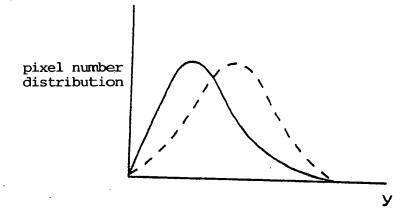


Fig. 17

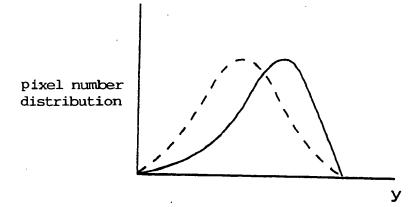


Fig. 18

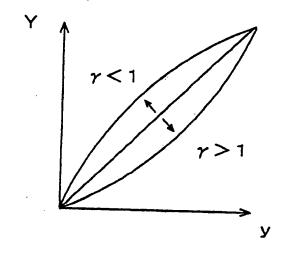


Fig. 19

Ymed_target-Ymed	γ
+20	0.80
+15	0.85
+10	0. 90
+5	0. 95
0	1
<b>-</b> 5	1. 05
-10	1. 10
-15	1. 15
-20	1. 20

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Fig. 20

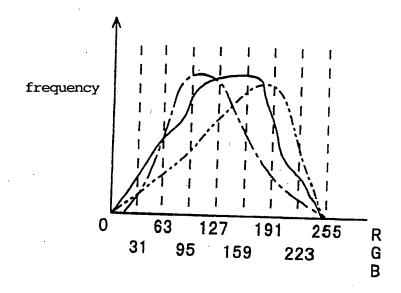
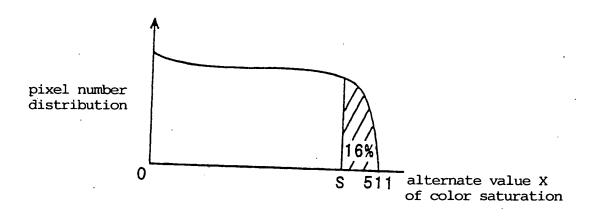


Fig. 21



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Fig. 22

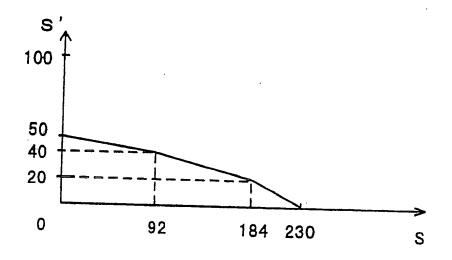


Fig. 23

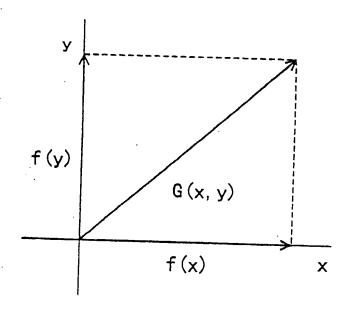


Fig. 24

f(x, y+1)	·
f(x, y)	f (x+1, y)
	1

Fig. 25

f(x-1, y+1)	f(x, y+1)	f (x+1, y+1)
f(x-1, y)	f (x, y)	f (x+1, y)
f (x-1, y-1)	f(x, y-1)	f(x+1, y-1)

Fig. 26

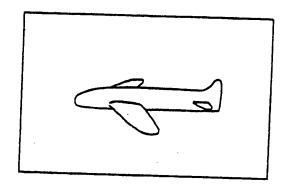


Fig. 27

	5×5					
	i=-2	-1	0	1	2	
j=-2	0	2	4	2	0	7
-1	2	20	4 6	20	2	1
0	4	4 6	100	4 6	4	1
1	2.	20	4 6	20	2	1
2	0	2	4	2	0	
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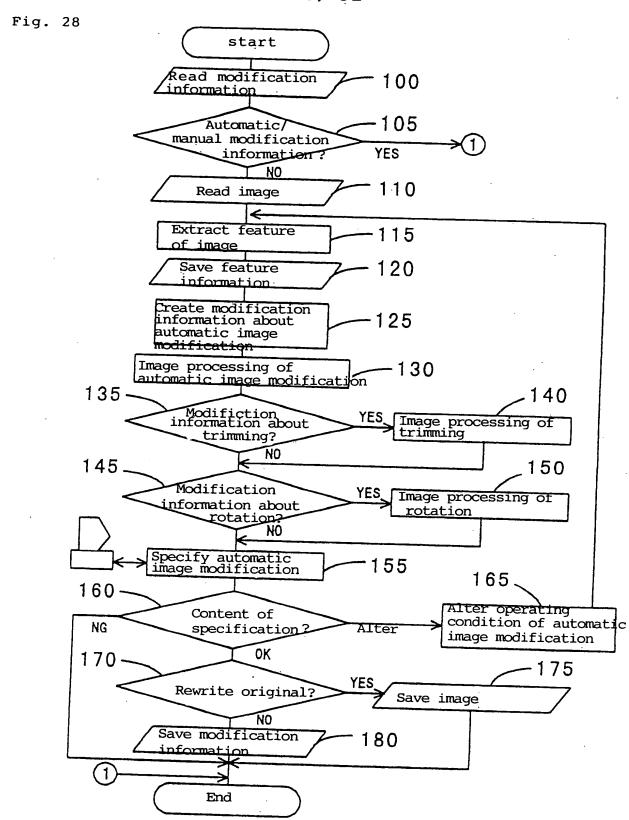


Fig. 29

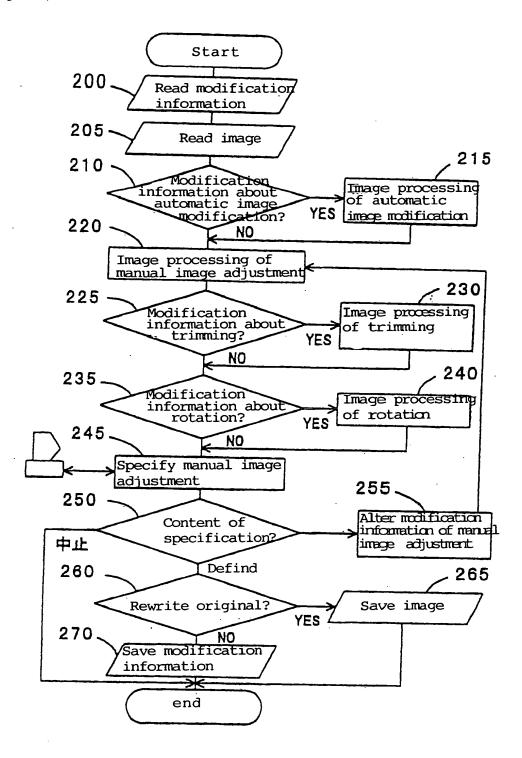


Fig. 30

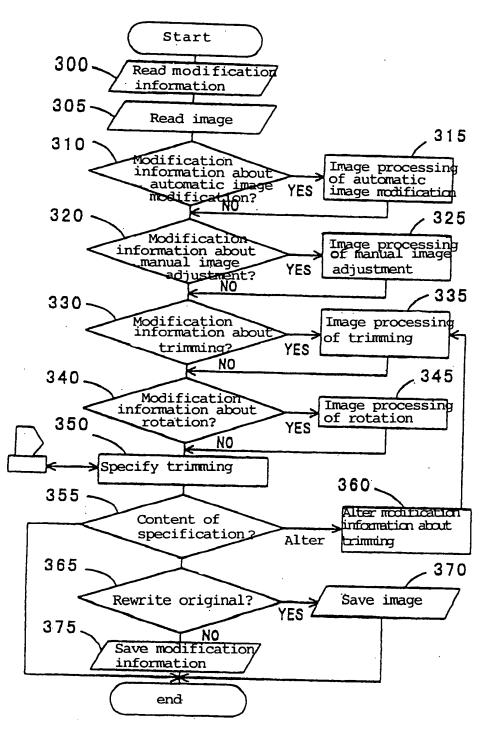


Fig. 31

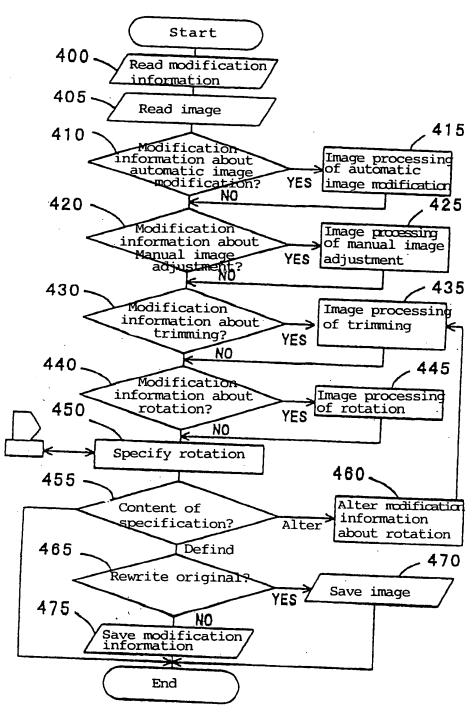
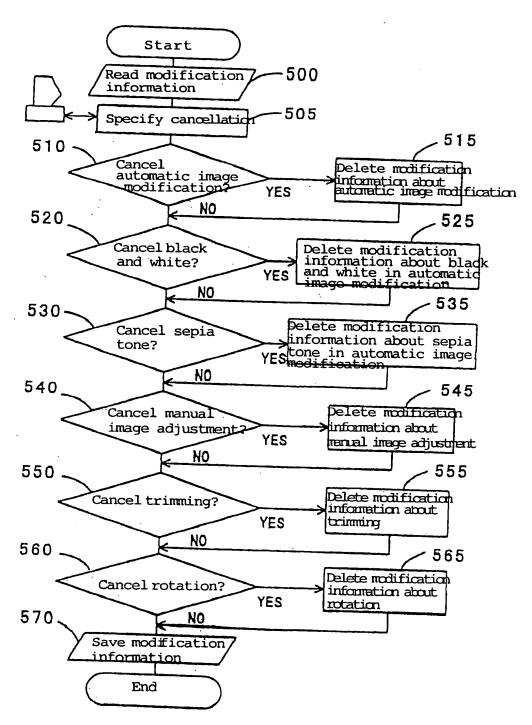


Fig. 32



655

660.

Image processing of resolution corresponding

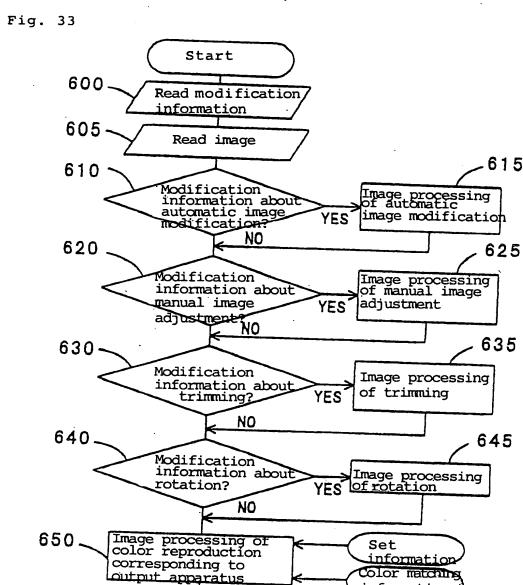
to output apparatus

End

information

Output modification

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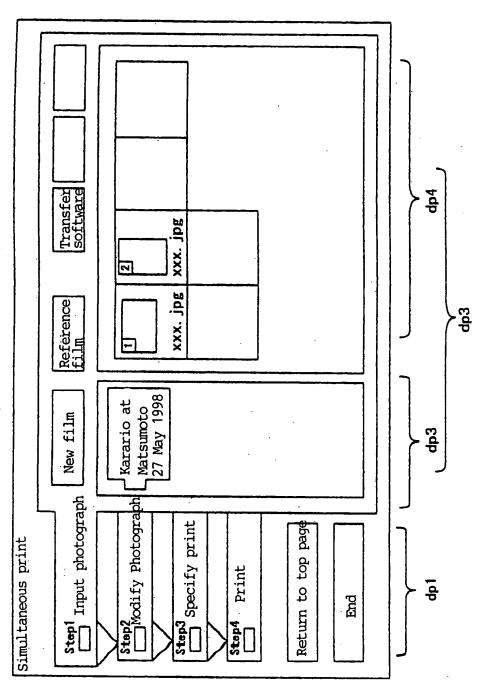


information

information

Set

Fig. 34



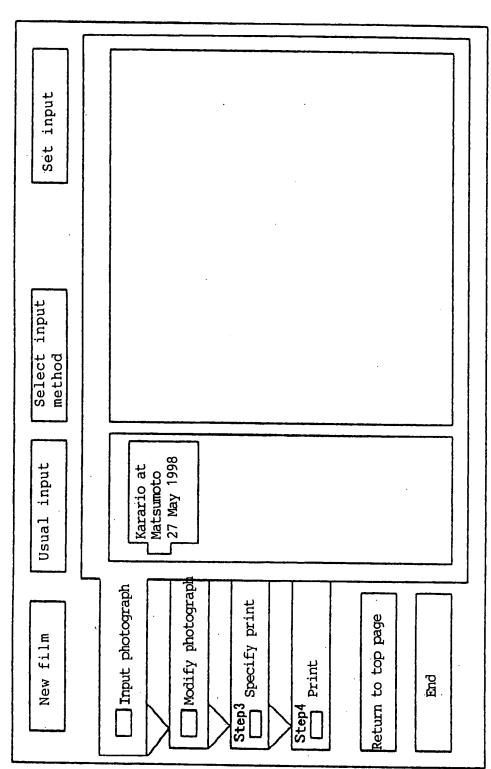


Fig. 36

Before modification			
After modification			
☐ Reflect	on original da	ta Execute	Cancel

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Fig. 37

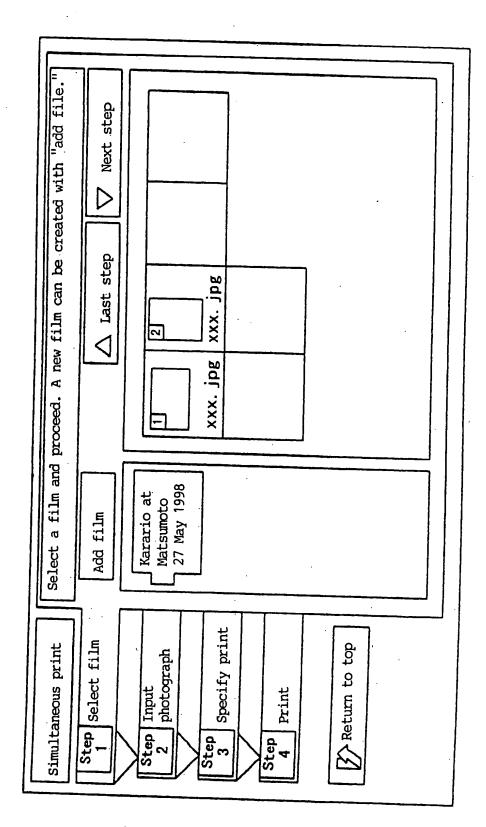


Fig. 38

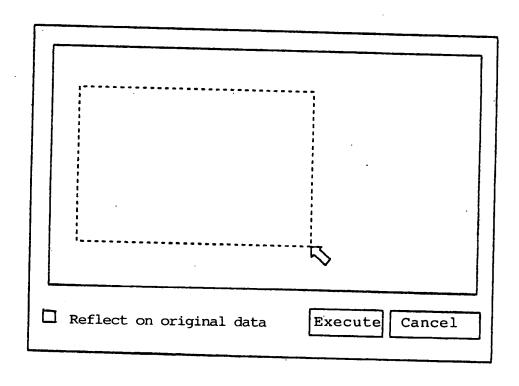


Fig. 39

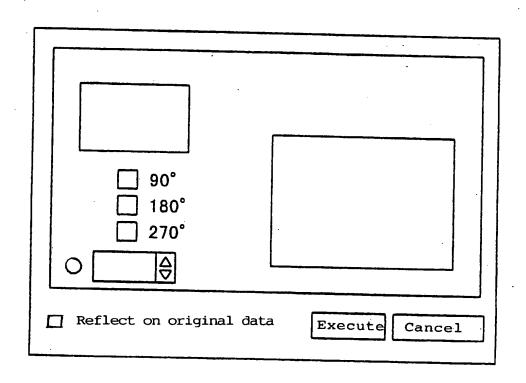


Fig. 40

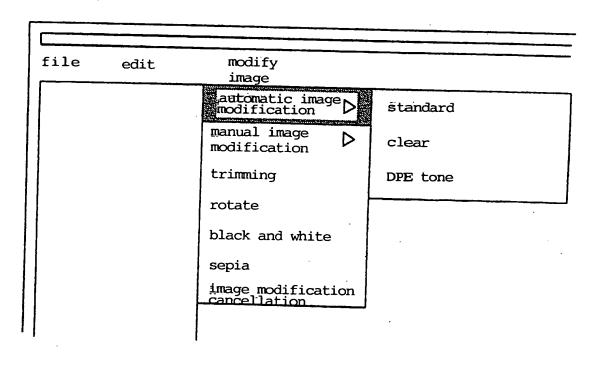


Fig. 41

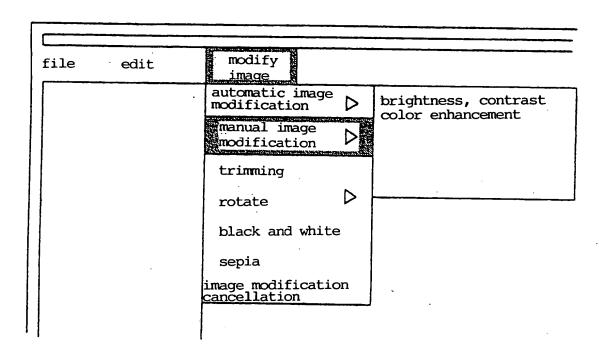


Fig. 42

cancellation object		
rotate	automatic image modification	
trimming	manual image modification	
black and white		
sepia tone		
cancel cancel		

Fig. 43

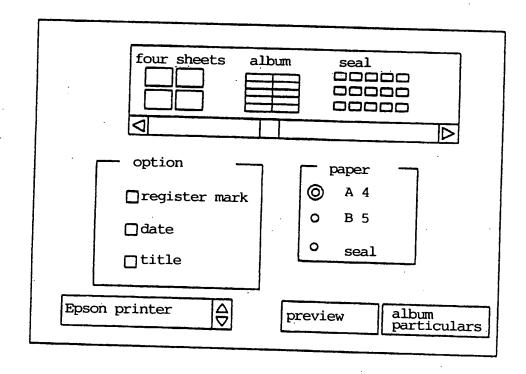


Fig. 44

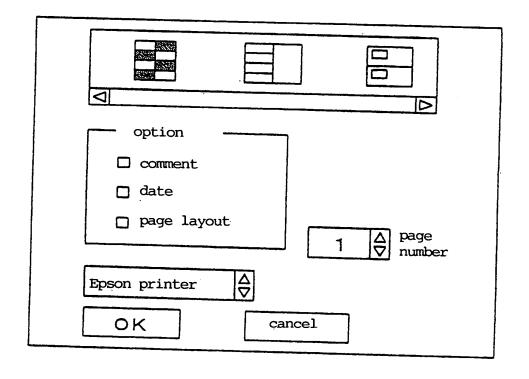


Fig. 45

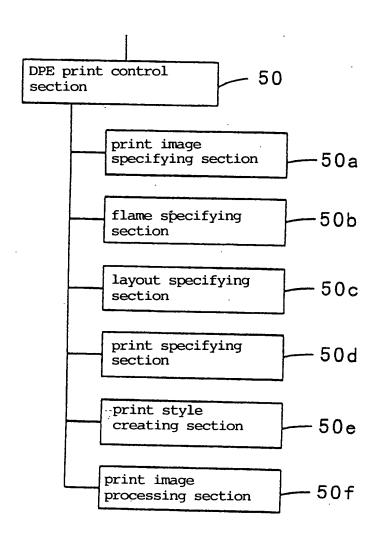
Please confirm the Epson printer is turned on and five A4 sheets are put in.

Please click an execute button to start print.

Execute

Cancel

Fig. 46



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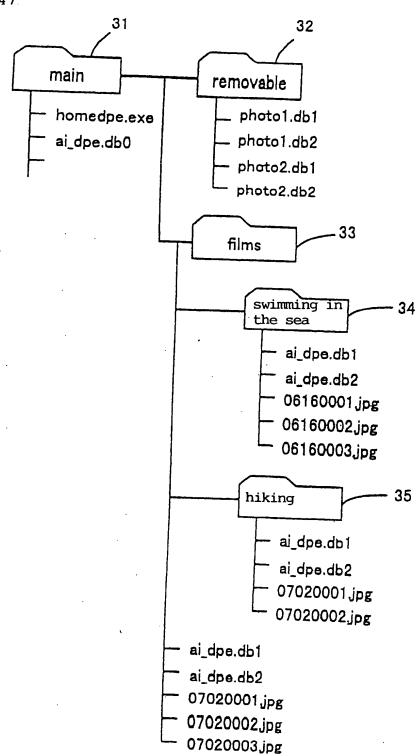
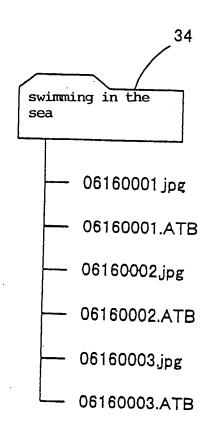
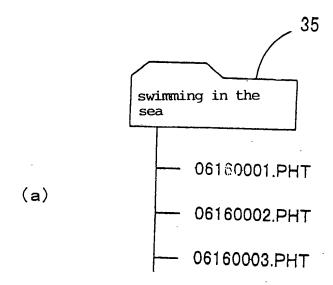


Fig. 48



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Fig. 49



(b) 
$$\times \times \times \times PHT \begin{cases} jpg \\ ATB \\ ENG \end{cases}$$

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Fig. 50

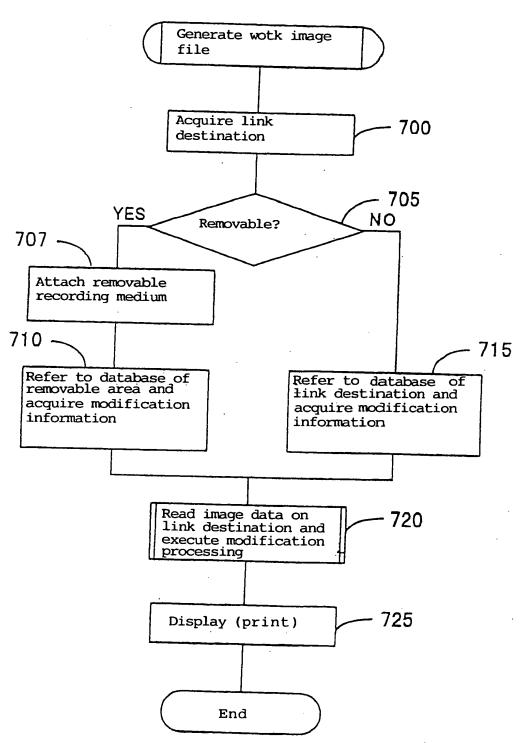


Fig. 51

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char [1000]

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Fig. 52

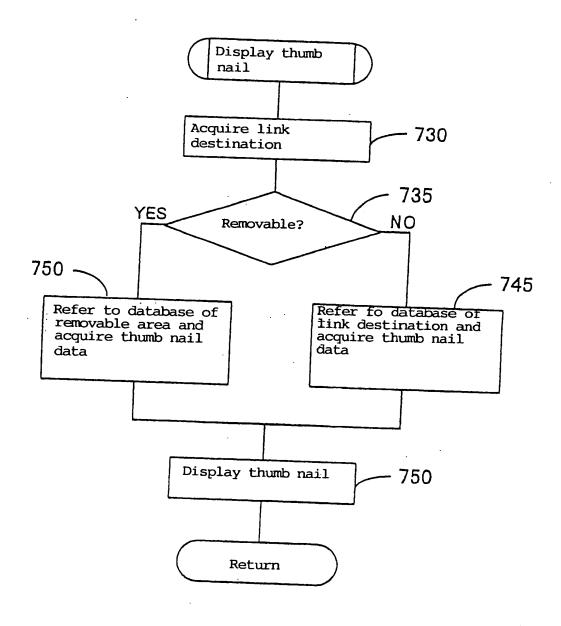


Fig. 53

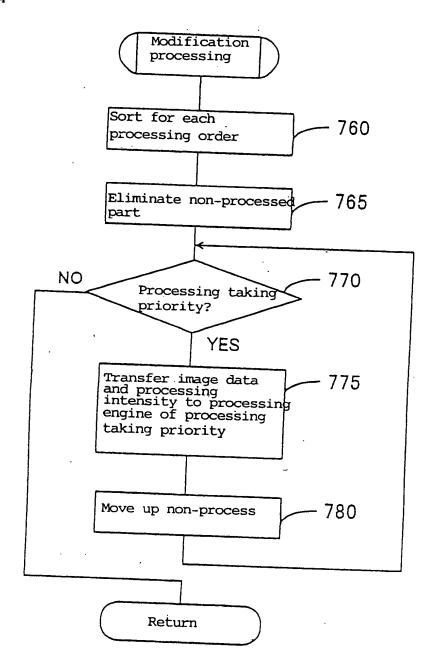
processing automatic image	engine	order	processing intensity
modification	V1	1	1
brightness	V1	0	0
contrast	V1	0	0
red	V1	0	0
green	V1	. 0	0
blue	V1		0
		<u> </u>	0

(a)

engine	order	processing intensity
V1	0	0
V2	4	+2
V2	5	+3
V2	1	+1
V2	2	<u> </u>
V2	3	_ 4
	V1 V2 V2 V2 V2	V1 0 V2 4 V2 5 V2 1 V2 2

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Fig. 54



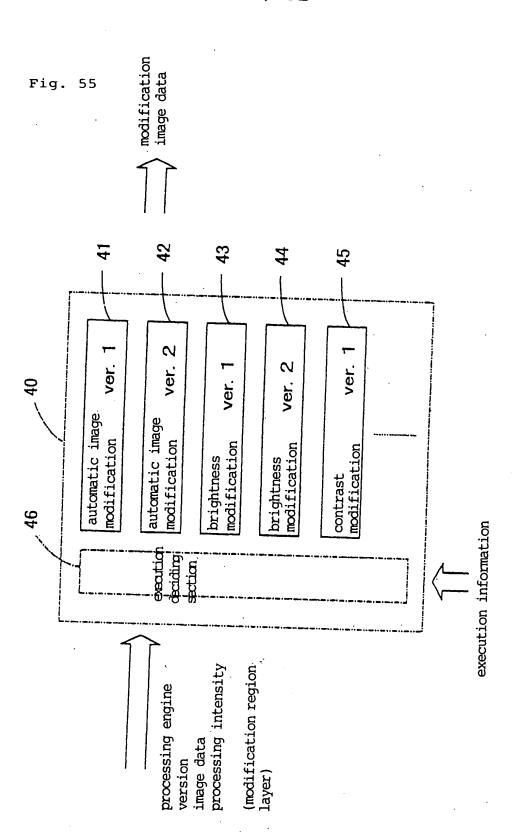


Fig. 56

group	processing	engine	order	processing intensity
-	automatic image modification	٧1	-	•
	brightness	٧1	0	0
	contrast	٧1	0	0
	red	٧٦	0	0
	green	٧1	0	0
	plue	٧1	0	0
2	automatic image modification	٧1	0	. 0
	brightness	٧٦	1	2
	contrast	٧١	1	1
	red	٧1	0	0
	green	٧1	0	0
	blue	٧1	0	0

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Fig. 57

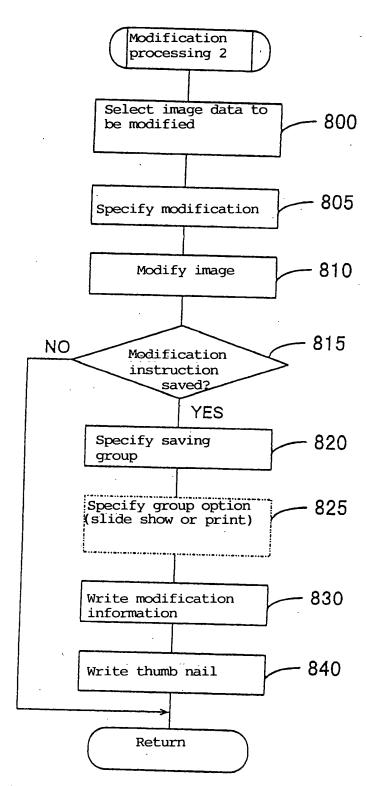
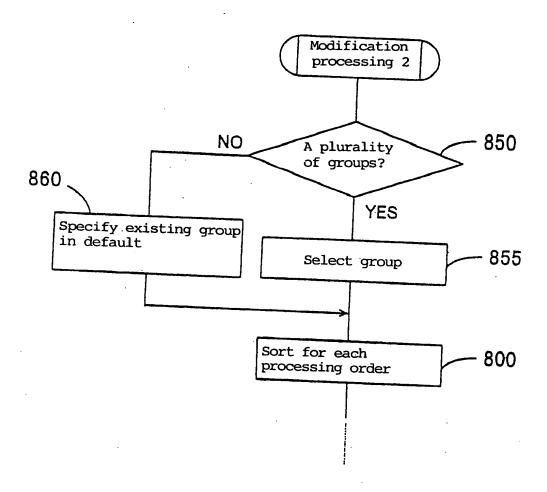
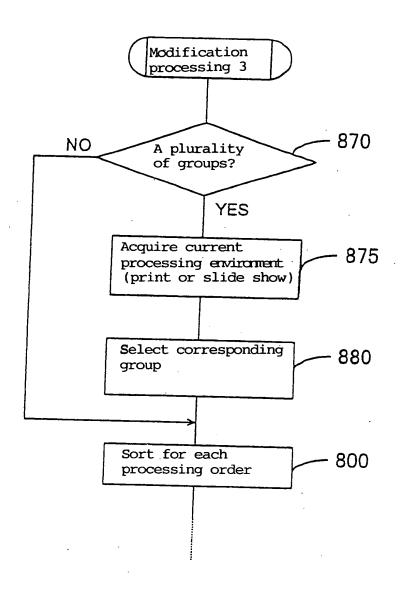


Fig. 58



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Fig. 59



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Fig. 60

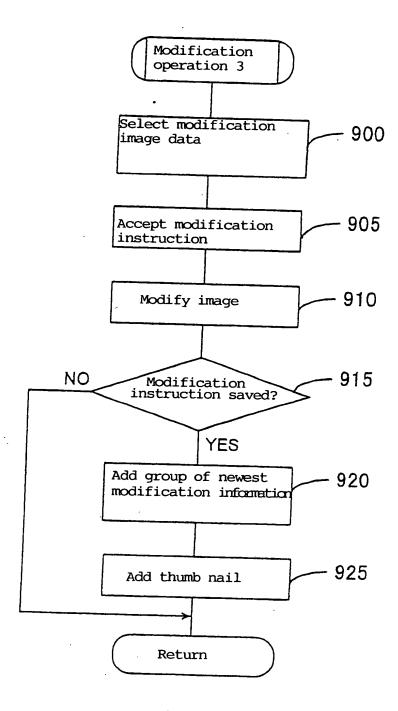


Fig. 61

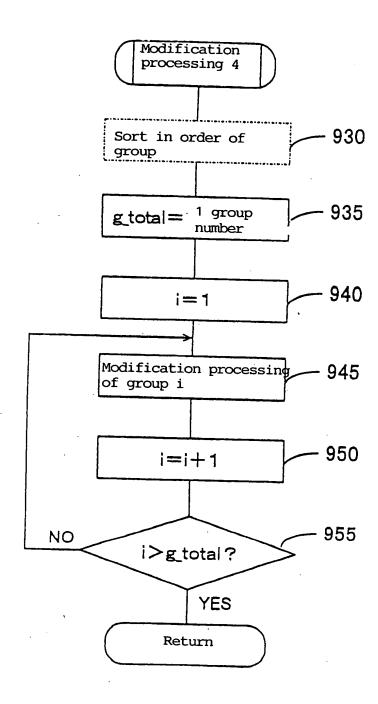


Fig. 62

